

State Injury Profile for Colorado

About the State Injury Profiles...

Following this introduction you will find the injury profile for your state and the nation. The maps and tables contain information on injury deaths and death rates; however, it is important to remember that hundreds of thousands of Americans are nonfatally injured each year, many of whom suffer permanent disabilities. Your state injury profile includes:

- The 10 leading causes of death by age group for your state and the nation. These charts contain the total number of deaths for the three-year period 1995 through 1997. The summary table at the bottom of each page shows the total number of injuries across all ages for the same three-year period and the average number of deaths per year.
- The tables on the next page show the number of deaths for your state and the nation for the leading causes of injury death (separated by the type of injury—unintentional, suicide, and homicide) for the same three-year period.
- The next pages contain U.S. maps indicating the death rate per 100,000 persons for all states over a three-year period (1995-1997) for the leading causes of injury death. Beneath each map is a graph showing the death rate over a 10-year period (1988-1997). These maps and graphs will allow you to compare death rates for your state to other states and understand the 10-year trend in your state compared to the U.S. trend.
- The last two maps in the Profile give death-rate data and 10-year trends for two of the most frequent and disabling types of injury-related deaths: traumatic brain injury-related deaths, which can be caused by falls, firearms, motor-vehicle crashes, or other causes; and firearm-related deaths, unintentional or the result of homicide or suicide.

This State Injury Profile 2000 is presented as an appendix to the Centers for Disease Control and Prevention (CDC) Injury Fact Book, *Working to Prevent and Control Injury in the United States*. The Fact Book contains information regarding the cost of injury and the value of prevention, the work of CDC's National Center for Injury Prevention and Control, and the Safe USA Partnership Council. The Fact Book also contains fact sheets for many of the leading causes of injury death. Additional information can also be obtained from—

- The CDC National Center for Injury Prevention and Control web site: <http://www.cdc.gov/ncipc/>
- The CDC National Center for Injury Prevention and Control, Office of Planning, Evaluation, and Legislation: 770-488-4936
- Safe USA web site: <http://www.cdc.gov/safe/>
- Safe USA toll-free number: 1-888-252-7751

United States

10 Leading Causes of Deaths by Age Group: 1995-1997

Rank	Age Groups										Total
	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	
1	Congenital Anomalies 19,113	Unintentional Injuries 6,432	Unintentional Injuries 4,734	Unintentional Injuries 5,614	Unintentional Injuries 41,018	Unintentional Injuries 38,858	Malignant Neoplasms 51,258	Malignant Neoplasms 134,242	Malignant Neoplasms 261,040	Heart Disease 1,834,538	Heart Disease 2,197,898
2	Short Gestation 11,760	Congenital Anomalies 1,922	Malignant Neoplasms 1,593	Malignant Neoplasms 1,491	Homicide 19,978	HIV 23,935	Unintentional Injuries 43,023	Heart Disease 104,809	Heart Disease 201,533	Malignant Neoplasms 1,147,043	Malignant Neoplasms 1,617,565
3	SIDS 9,438	Malignant Neoplasms 1,350	Congenital Anomalies 706	Homicide 1,023	Suicide 13,328	Suicide 17,825	Heart Disease 40,047	Unintentional Injuries 29,523	Bronchitis Emphysema Asthma 30,143	Cerebro-vascular 419,616	Cerebro-vascular 477,724
4	Respiratory Distress Synd. 4,117	Homicide 1,247	Homicide 510	Suicide 931	Malignant Neoplasms 4,919	Homicide 16,665	HIV 39,570	HIV 17,951	Cerebro-vascular 29,087	Bronchitis Emphysema Asthma 274,359	Bronchitis Emphysema Asthma 317,955
5	Maternal Complications 3,802	Heart Disease 680	Heart Disease 387	Congenital Anomalies 647	Heart Disease 3,106	Malignant Neoplasms 14,327	Suicide 19,938	Cerebro-vascular 16,960	Diabetes 24,987	Pneumonia & Influenza 226,837	Unintentional Injuries 283,912
6	Placenta Cord Membranes 2,871	Pneumonia & Influenza 504	HIV 288	Heart Disease 554	HIV 1,318	Heart Disease 10,097	Homicide 11,689	Liver Disease 16,300	Unintentional Injuries 20,719	Diabetes 138,117	Pneumonia & Influenza 253,099
7	Unintentional Injuries 2,356	HIV 411	Pneumonia & Influenza 221	Bronchitis Emphysema Asthma 294	Congenital Anomalies 1,254	Cerebro-vascular 2,118	Liver Disease 10,853	Suicide 14,317	Liver Disease 15,921	Unintentional Injuries 91,315	Diabetes 183,657
8	Perinatal Infections 2,321	Septicemia 236	Bronchitis Emphysema Asthma 143	Pneumonia & Influenza 184	Bronchitis Emphysema Asthma 684	Diabetes 1,881	Cerebro-vascular 8,281	Diabetes 12,589	Pneumonia & Influenza 10,830	Alzheimer's Disease 63,461	Suicide 92,722
9	Pneumonia & Influenza 1,409	Perinatal Period 222	Benign Neoplasms 132	HIV 180	Pneumonia & Influenza 630	Pneumonia & Influenza 1,724	Diabetes 5,581	Bronchitis Emphysema Asthma 8,395	Suicide 8,675	Nephritis 62,838	HIV 90,761
10	Intrauterine Hypoxia 1,355	Benign Neoplasms 189	Anemias 98	Cerebro-vascular 135	Cerebro-vascular 527	Liver Disease 1,690	Pneumonia & Influenza 4,335	Pneumonia & Influenza 6,405	Septicemia 5,350	Septicemia 52,315	Liver Disease 75,444

United States Total Number of Injury Deaths

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Unintentional Injury	283,912	64.5%
Intentional	156,434	35.5%
Total (1995-1997)	440,346	100.0%

Average Number of Injury Deaths per Year
In the United States = **146,782**

Colorado

10 Leading Causes of Deaths by Age Group: 1995-1997

Rank	Age Groups										Total
	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	
1	Congenital Anomalies 265	Unintentional Injuries 79	Unintentional Injuries 47	Unintentional Injuries 101	Unintentional Injuries 657	Unintentional Injuries 667	Unintentional Injuries 680	Malignant Neoplasms 1,567	Malignant Neoplasms 2,698	Heart Disease 16,175	Heart Disease 19,532
2	SIDS 165	Congenital Anomalies 26	Malignant Neoplasms 23	Suicide 31	Suicide 287	Suicide 400	Malignant Neoplasms 598	Heart Disease 1,040	Heart Disease 1,751	Malignant Neoplasms 11,630	Malignant Neoplasms 16,769
3	Short Gestation 126	Homicide 17	Congenital Anomalies 9	Malignant Neoplasms 24	Homicide 185	HIV 231	Suicide 463	Unintentional Injuries 453	Bronchitis Emphysema Asthma 415	Cerebro-vascular 4,388	Cerebro-vascular 4,988
4	Placenta Cord Membranes 60	Malignant Neoplasms 15	Heart Disease 6	Homicide 12	Malignant Neoplasms 47	Malignant Neoplasms 162	Heart Disease 395	Suicide 322	Cerebro-vascular 307	Bronchitis Emphysema Asthma 4,321	Bronchitis Emphysema Asthma 4,896
5	Maternal Complications 51	Pneumonia & Influenza 8	Homicide 5	Congenital Anomalies 9	Heart Disease 36	Homicide 136	HIV 360	Liver Disease 241	Unintentional Injuries 295	Pneumonia & Influenza 2,426	Unintentional Injuries 4,353
6	Unintentional Injuries 32	Heart Disease 5	Bronchitis Emphysema Asthma 3	Heart Disease 8	Congenital Anomalies 13	Heart Disease 88	Liver Disease 206	Cerebro-vascular 175	Diabetes 205	Unintentional Injuries 1,340	Pneumonia & Influenza 2,779
7	Perinatal Infections 29	Bronchitis Emphysema Asthma 3	Benign Neoplasms 2	Bronchitis Emphysema Asthma 4	Cerebro-vascular 6	Liver Disease 40	Homicide 121	HIV 131	Liver Disease 195	Diabetes 1,183	Suicide 1,959
8	Intrauterine Hypoxia 23	Meningitis 3	HIV 2	Pneumonia & Influenza 2	Pneumonia & Influenza 6	Diabetes 27	Cerebro-vascular 87	Diabetes 111	Suicide 146	Athero-sclerosis 1,111	Diabetes 1,609
9	Respiratory Distress Synd. 18	Benign Neoplasms 2	8 Tied	6 Tied	3 Tied	Pneumonia & Influenza 24	Diabetes 75	Bronchitis Emphysema Asthma 102	Pneumonia & Influenza 125	Alzheimer's Disease 918	Athero-sclerosis 1,144
10	Homicide 17	Other Intestinal 2	8 Tied	6 Tied	3 Tied	Cerebro-vascular 18	Pneumonia & Influenza 75	Pneumonia & Influenza 99	Septicemia 60	Nephritis 652	Liver Disease 1,002

Colorado Total Number of Injury Deaths

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Unintentional Injury	4,353	62.9%
Intentional Injury	2,569	37.1%
Total (1995-1997)	6,922	100.0%

Average Number of Injury Deaths per Year
In Colorado= **2,307**

1995-1997 Leading Causes of Death

Unintentional Injury

United States Unintentional Injury

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
MV Traffic	127,193	44.8%
Fall	33,633	11.8%
Poisoning	28,745	10.1%
Suffocation	12,987	4.6%
Drowning	12,360	4.4%
Fire/Burn	11,304	4.0%
Other Causes	57,690	20.3%
	283,912	100.0%

Colorado Only Unintentional Injury

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
MV Traffic	1,950	44.8%
Fall	564	13.0%
Poisoning	454	10.4%
Suffocation	213	4.9%
Drowning	159	3.7%
Other Causes	1,013	23.3%
	4,353	100.1%

Intentional Injury

United States Suicide

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	54,235	58.5%
Suffocation	15,960	17.2%
Poisoning	15,355	16.6%
Other Causes	7,172	7.7%
	92,722	100.0%

Colorado Only Suicide

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	1,089	55.6%
Poisoning	448	22.9%
Suffocation	318	16.2%
Other Causes	104	5.3%
	1,959	100.0%

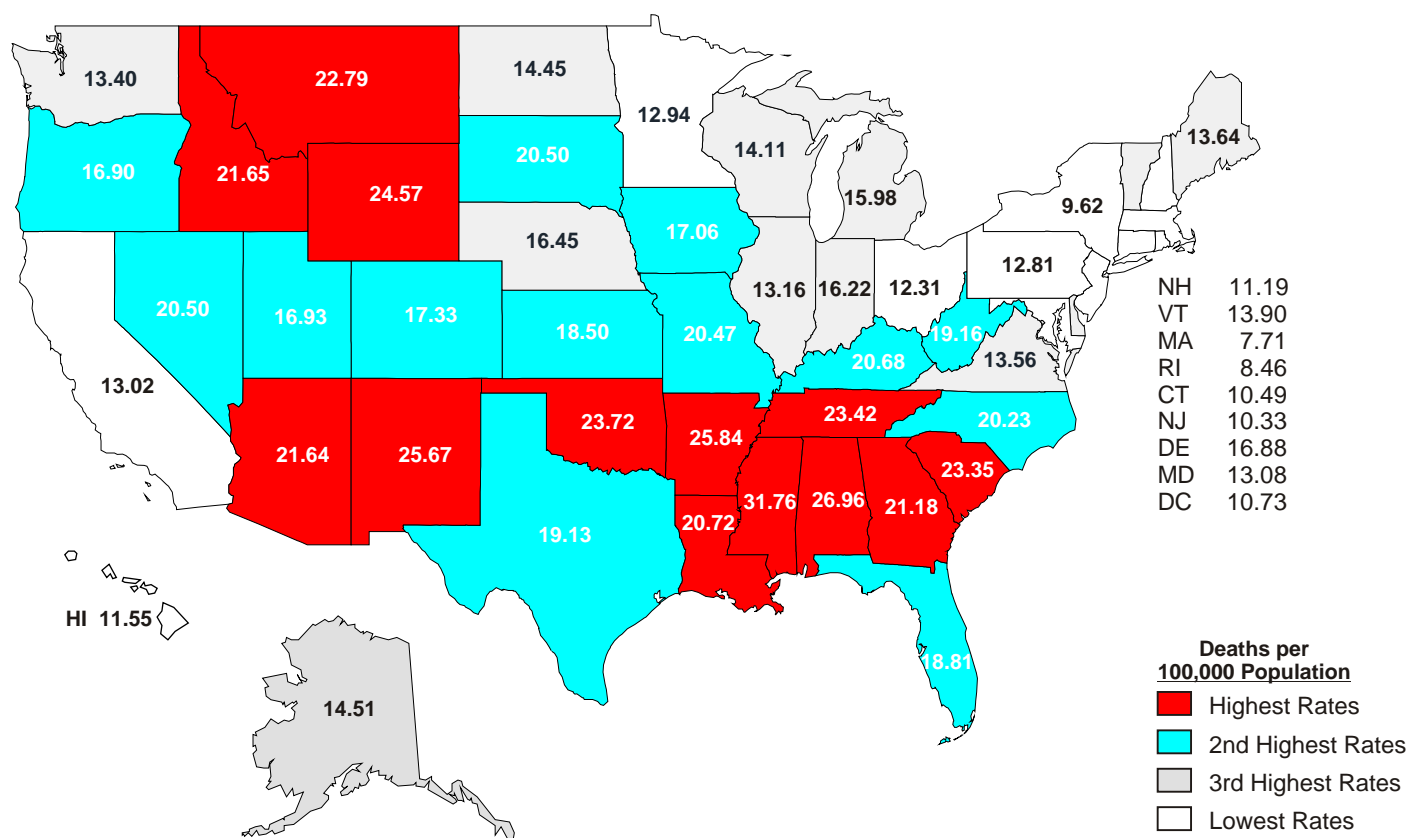
United States Homicide and Legal Intervention

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	43,684	68.6%
Cut/Pierce	7,647	12.0%
Suffocation	2,327	3.7%
Other Causes	10,054	15.8%
	63,712	100.0%

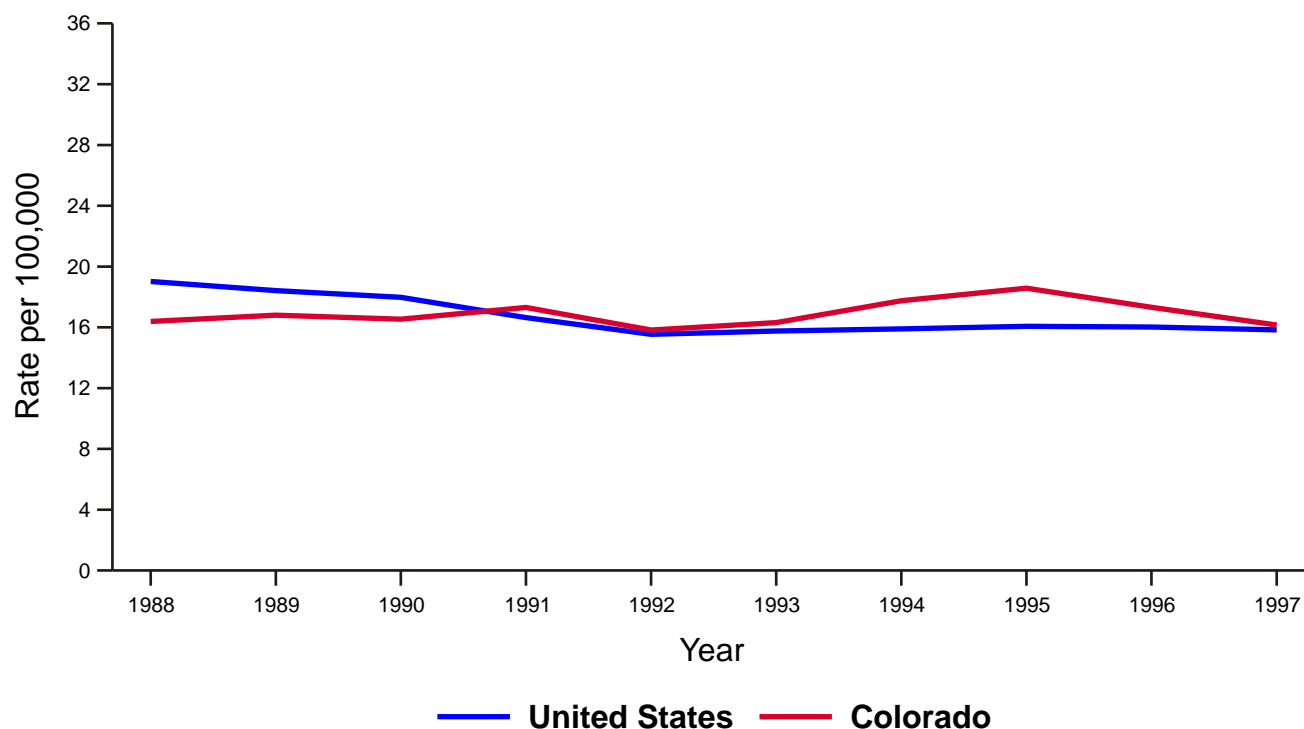
Colorado Only Homicide and Legal Intervention

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	350	57.4%
Cut/Pierce	97	15.9%
Suffocation	33	5.4%
Other Causes	130	21.3%
	610	100.0%

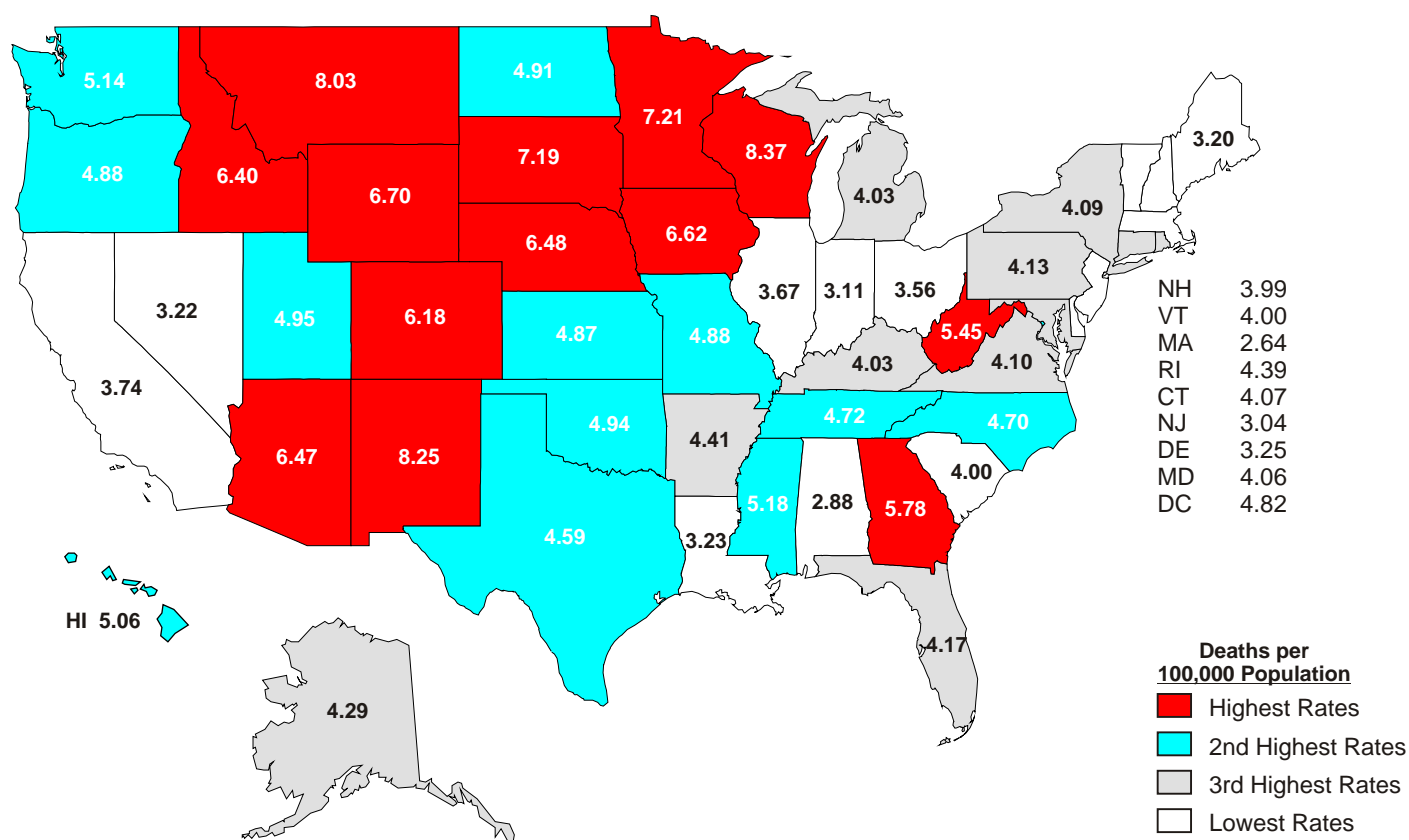
Unintentional Motor Vehicle, Traffic-Related Death Rates United States, 1995-1997



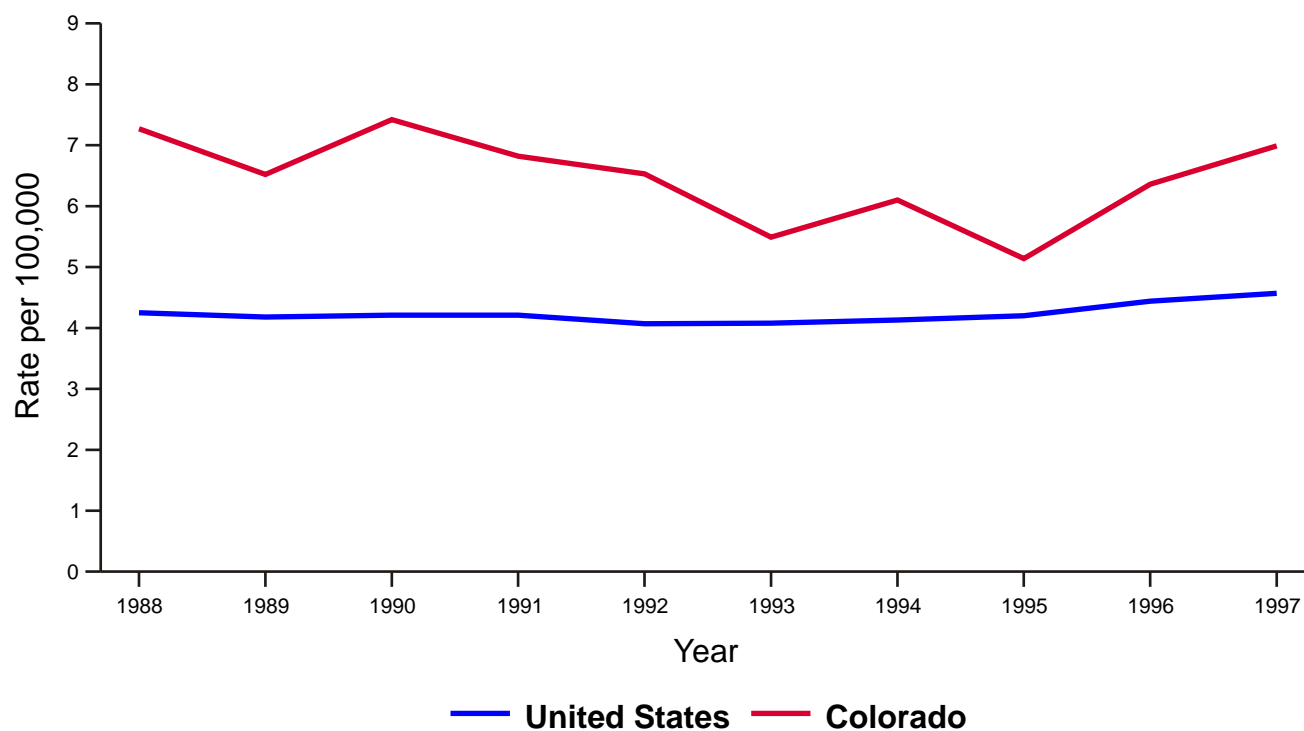
United States and Colorado 1988-1997



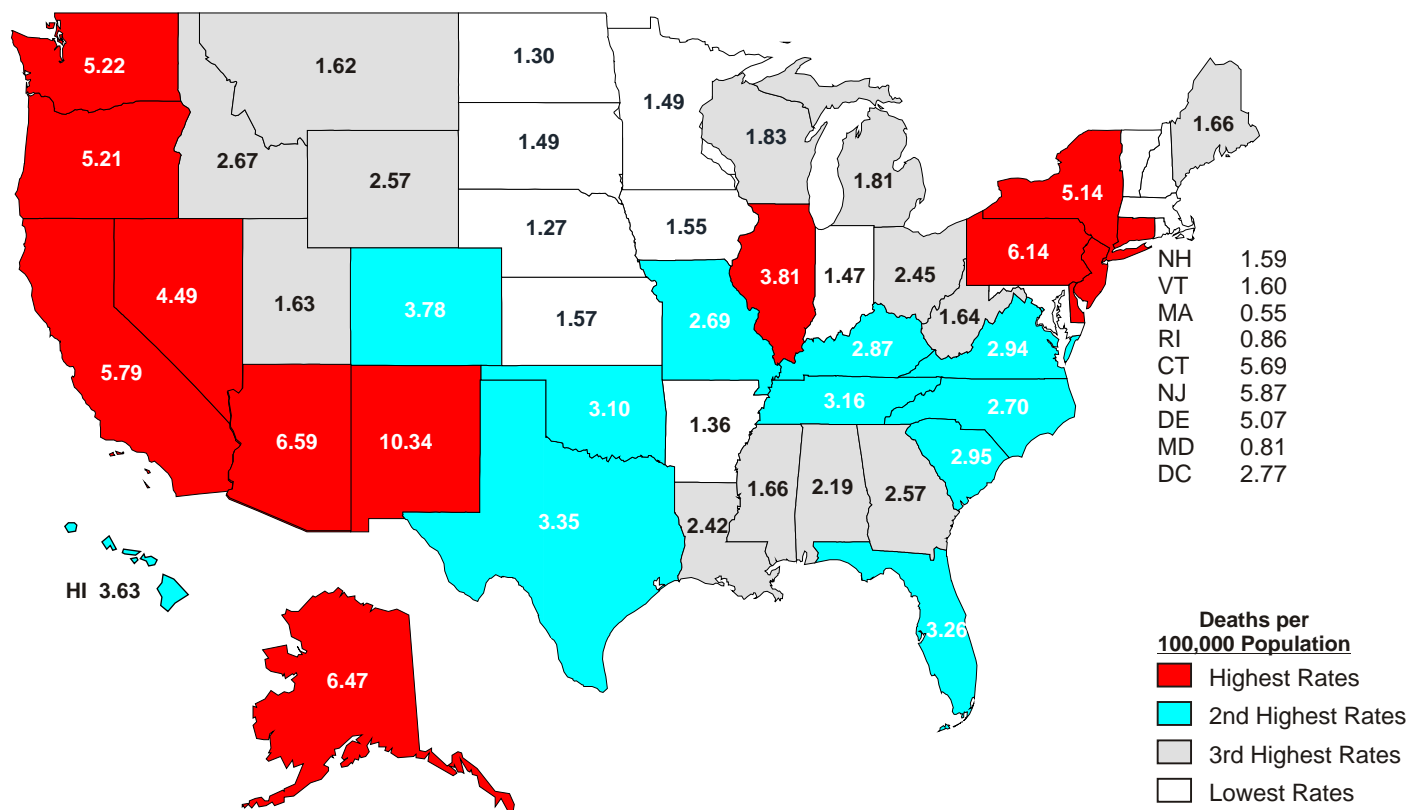
Unintentional Fall Death Rates United States, 1995-1997



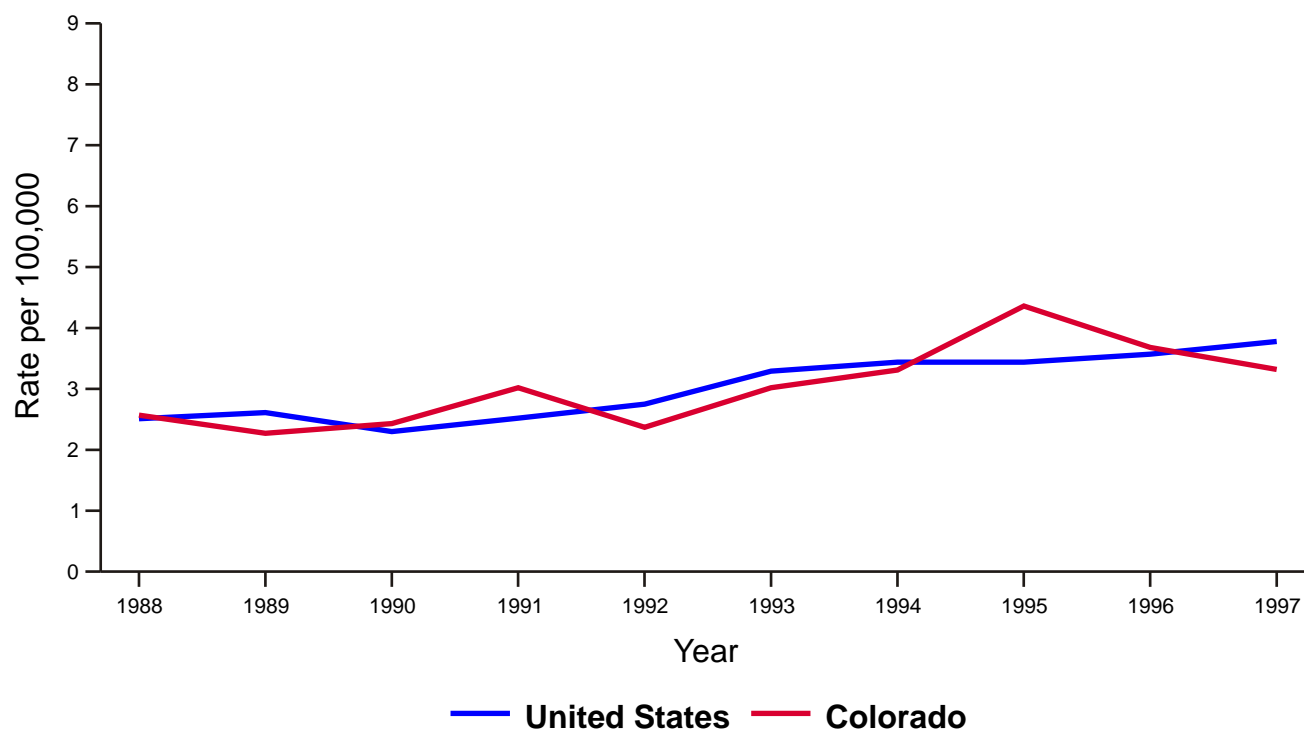
United States and Colorado 1988-1997



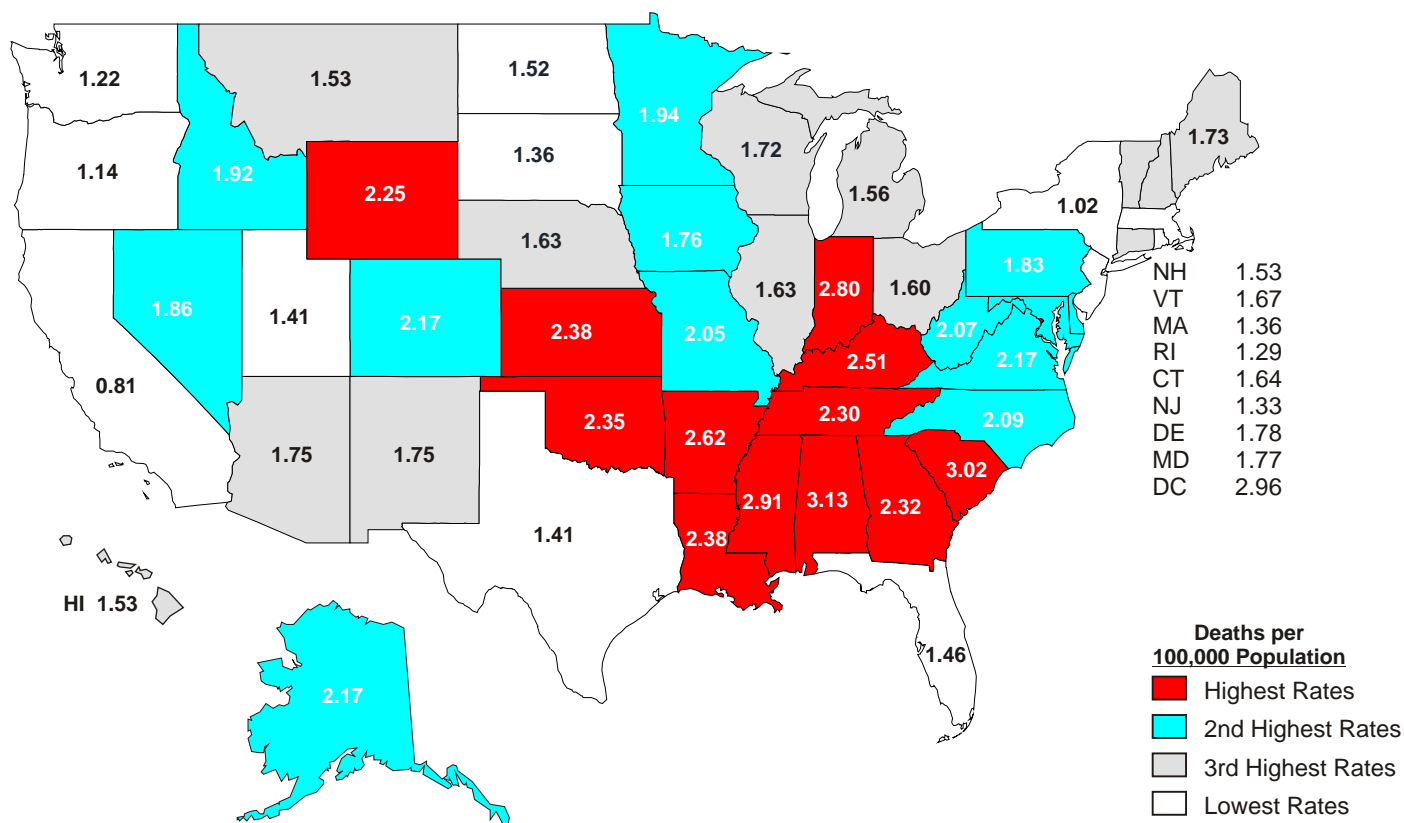
Unintentional Poisoning Death Rates United States, 1995-1997



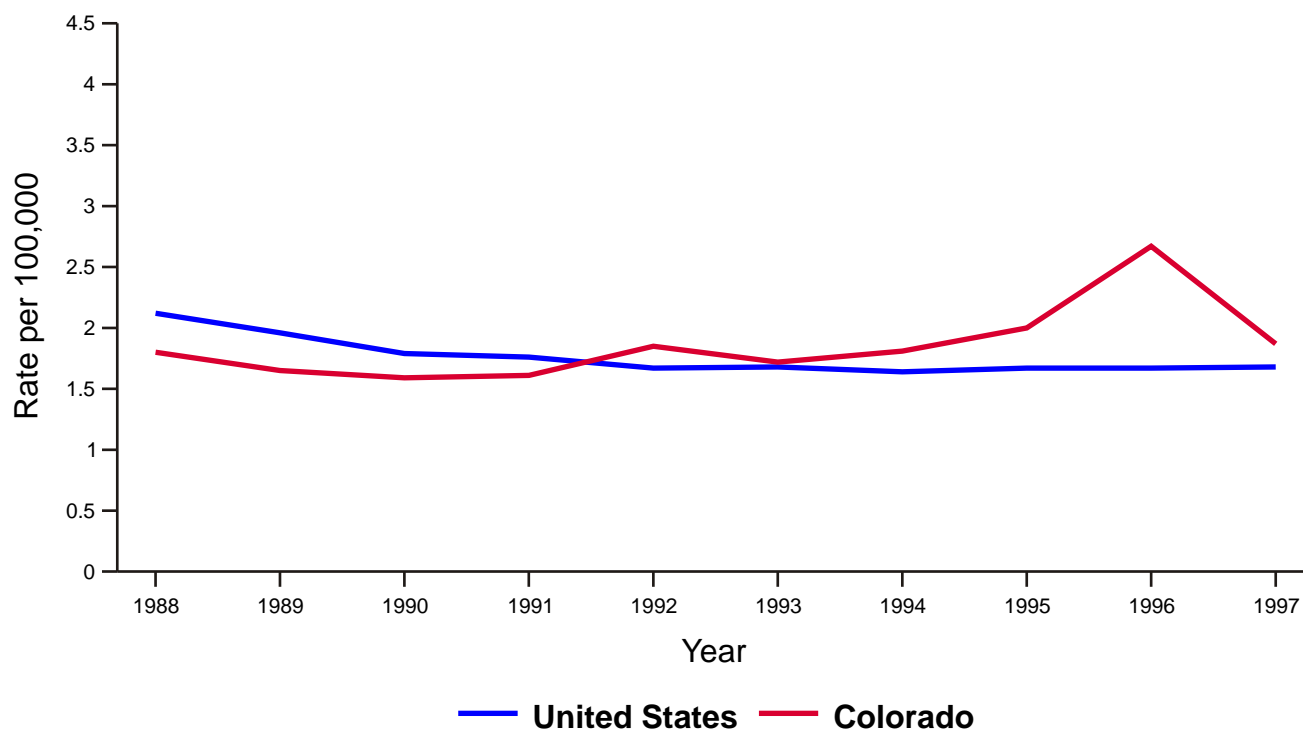
United States and Colorado 1988-1997



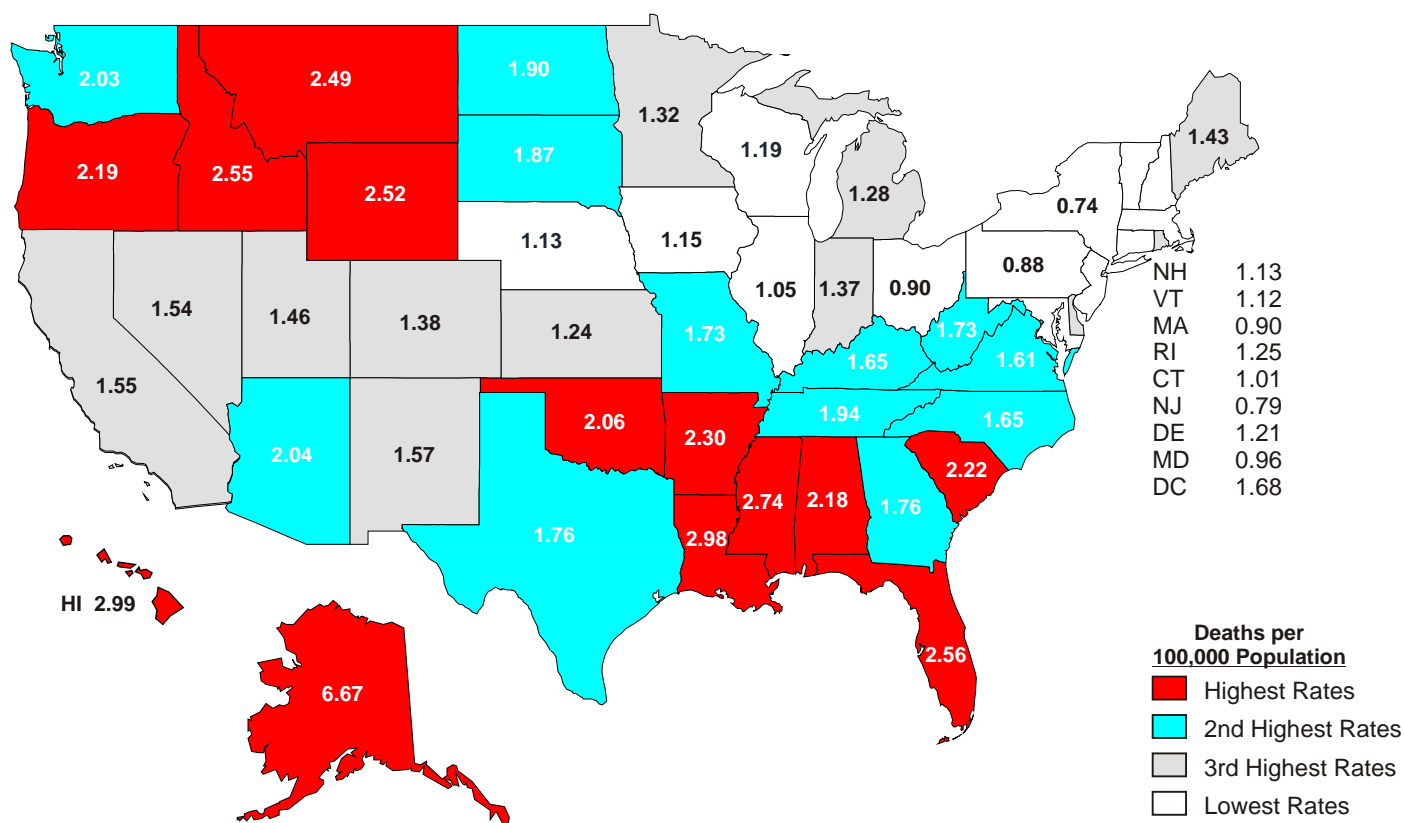
Unintentional Suffocation Death Rates United States, 1995-1997



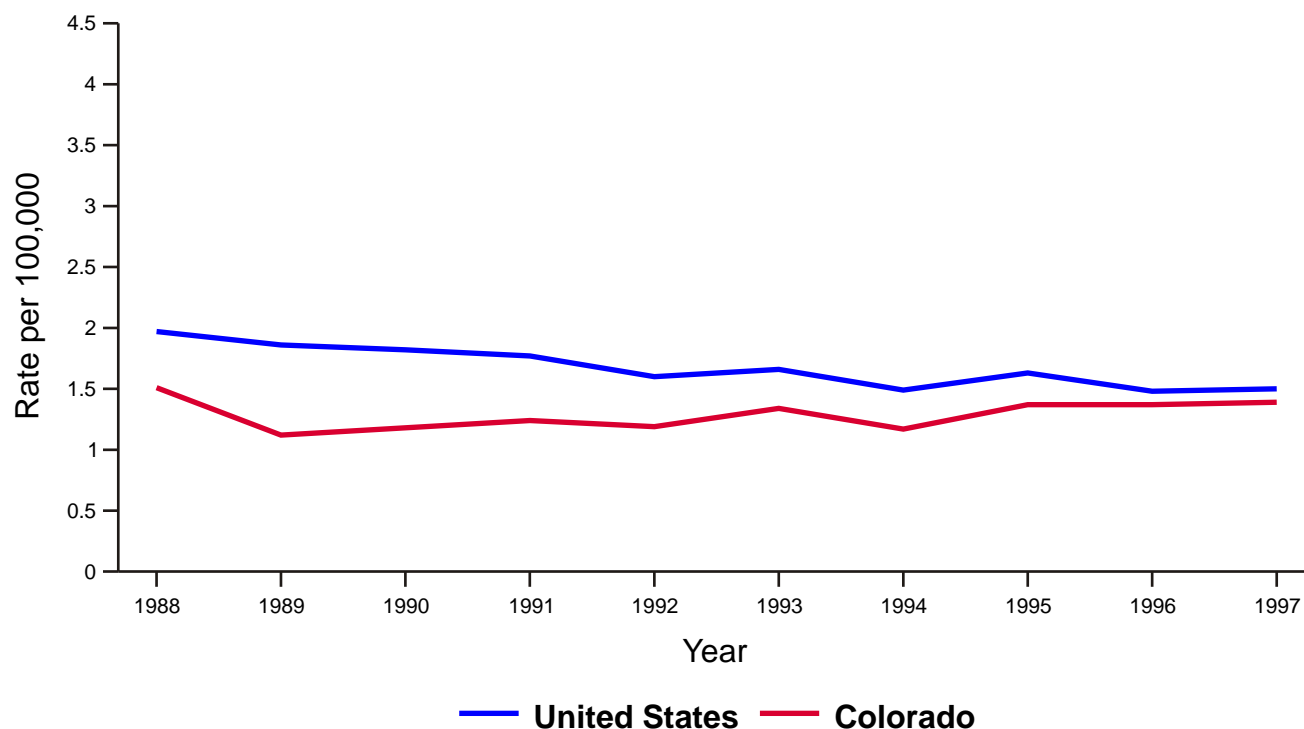
United States and Colorado 1988-1997



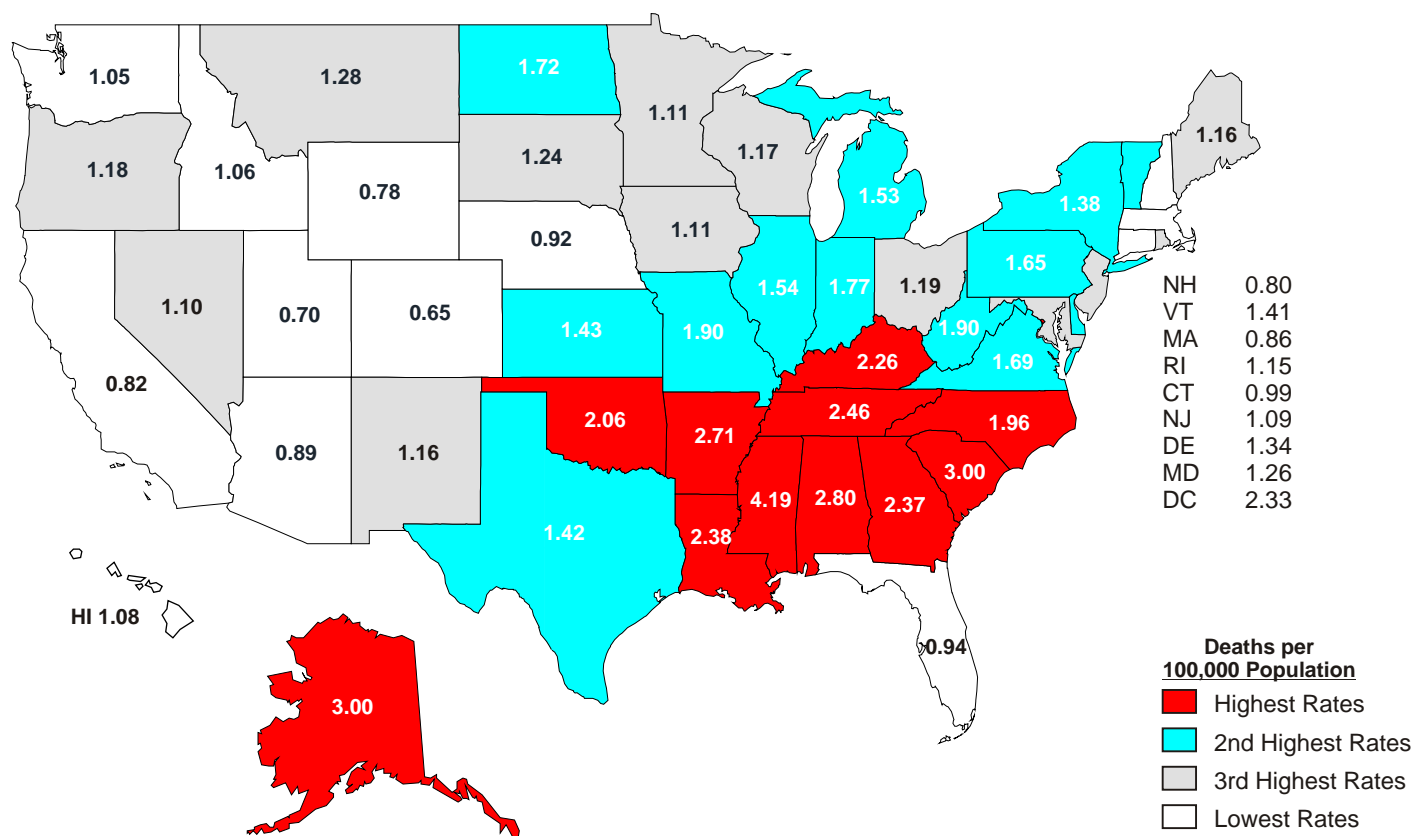
Unintentional Drowning Death Rates United States, 1995-1997



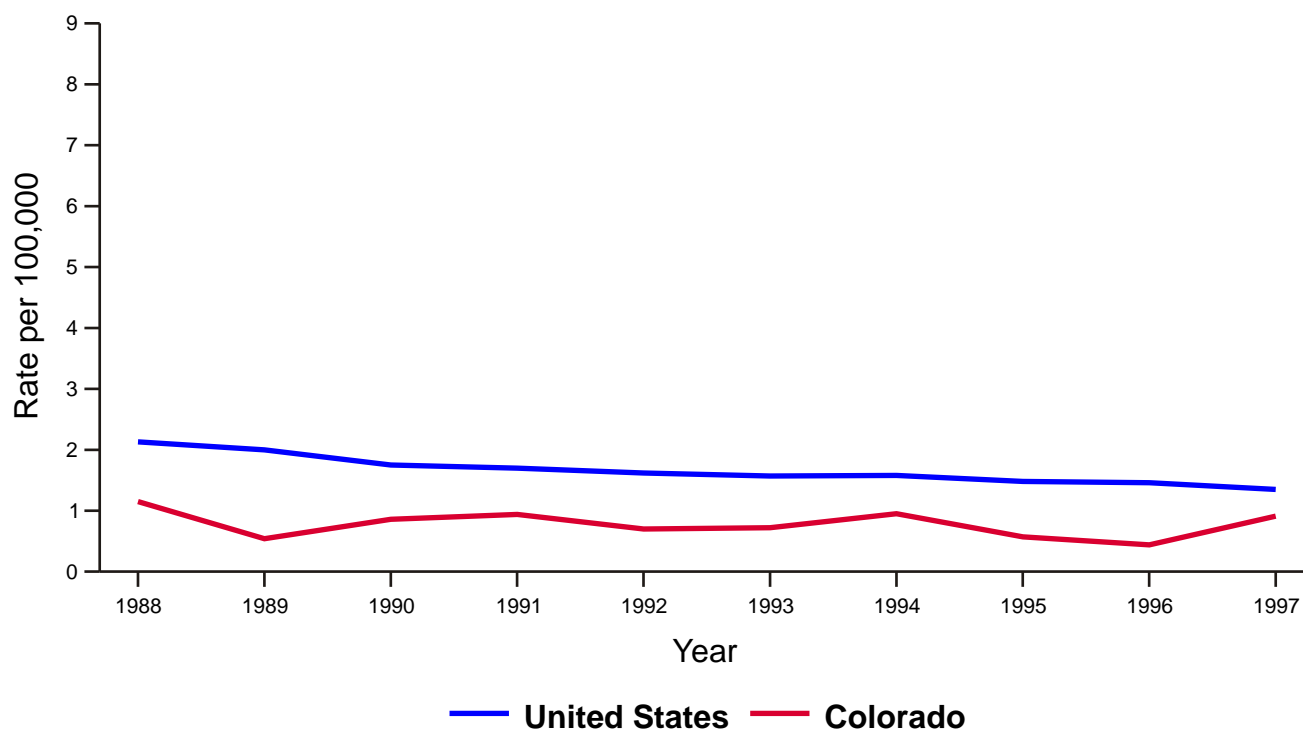
United States and Colorado 1988-1997



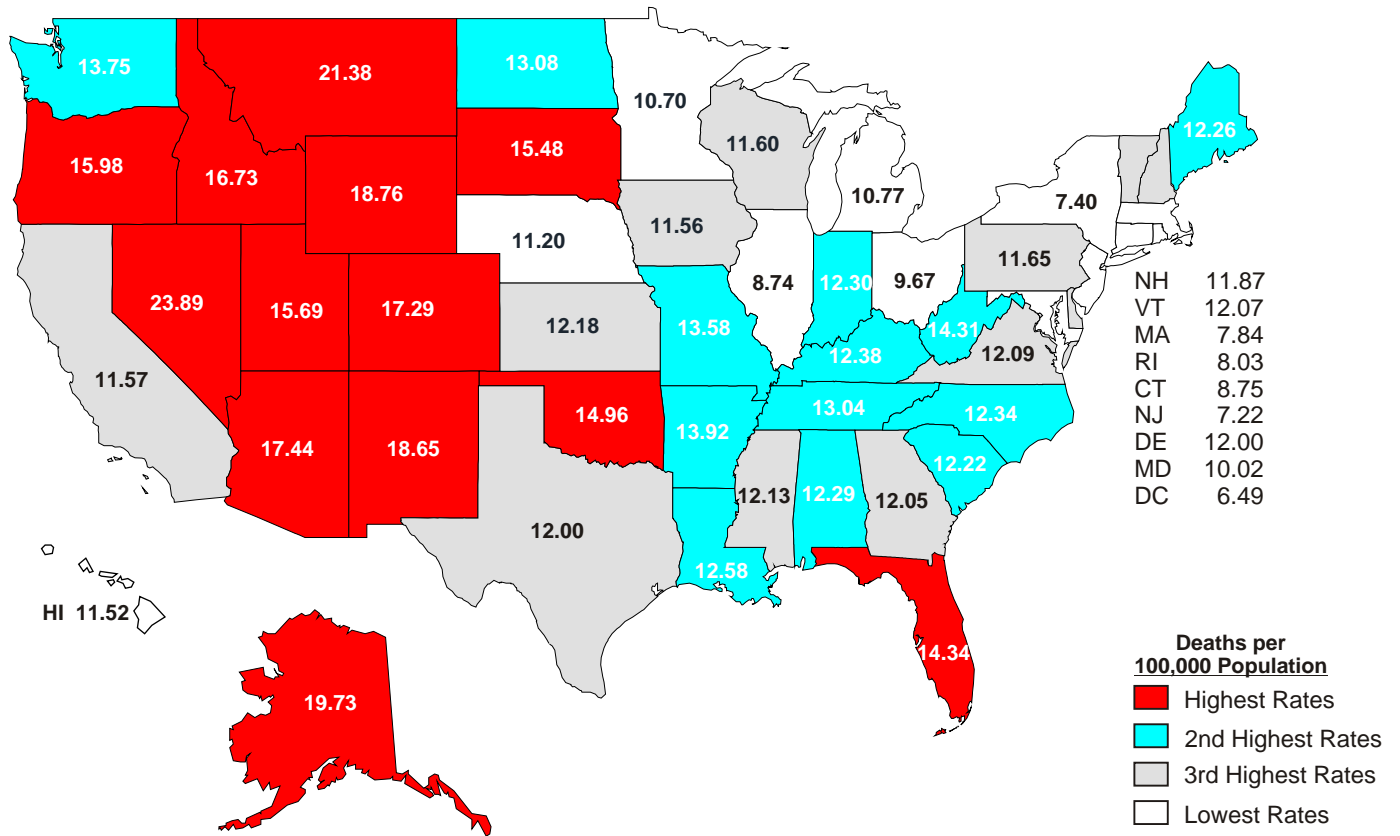
Unintentional Fire and Burn-Related Death Rates United States, 1995-1997



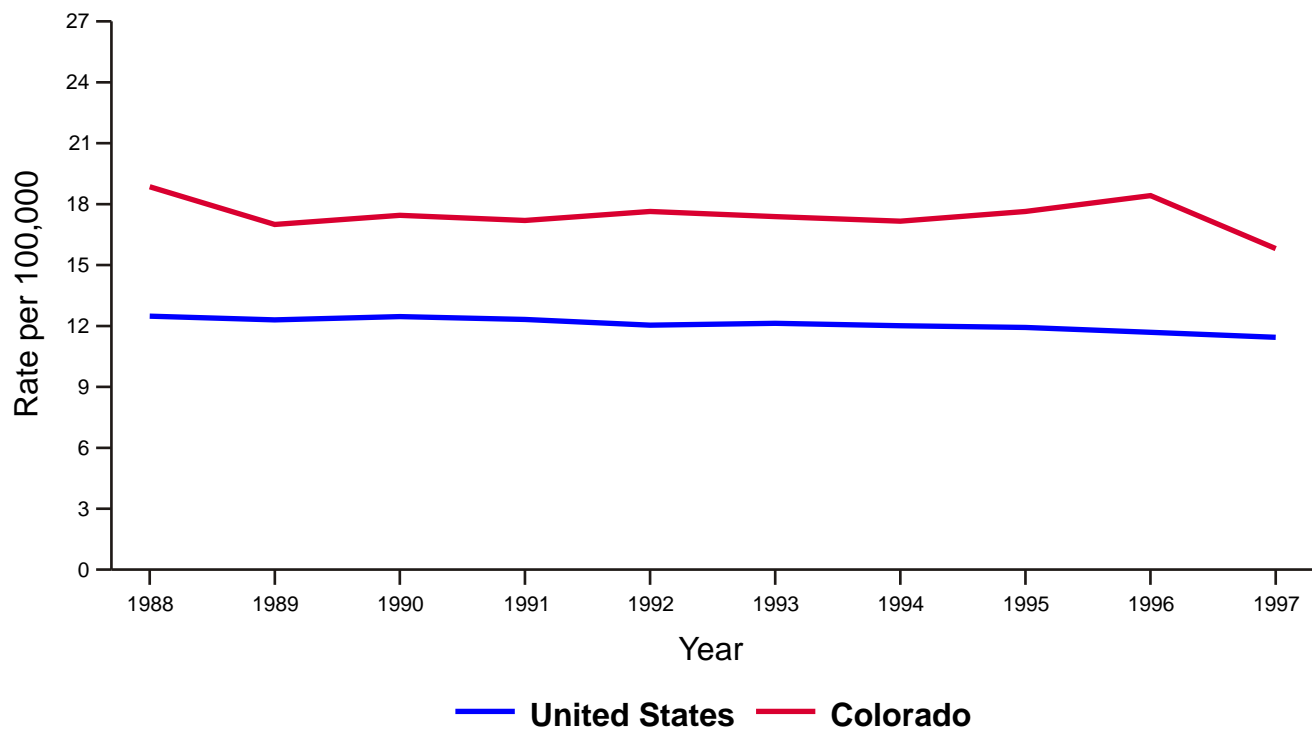
United States and Colorado 1988-1997



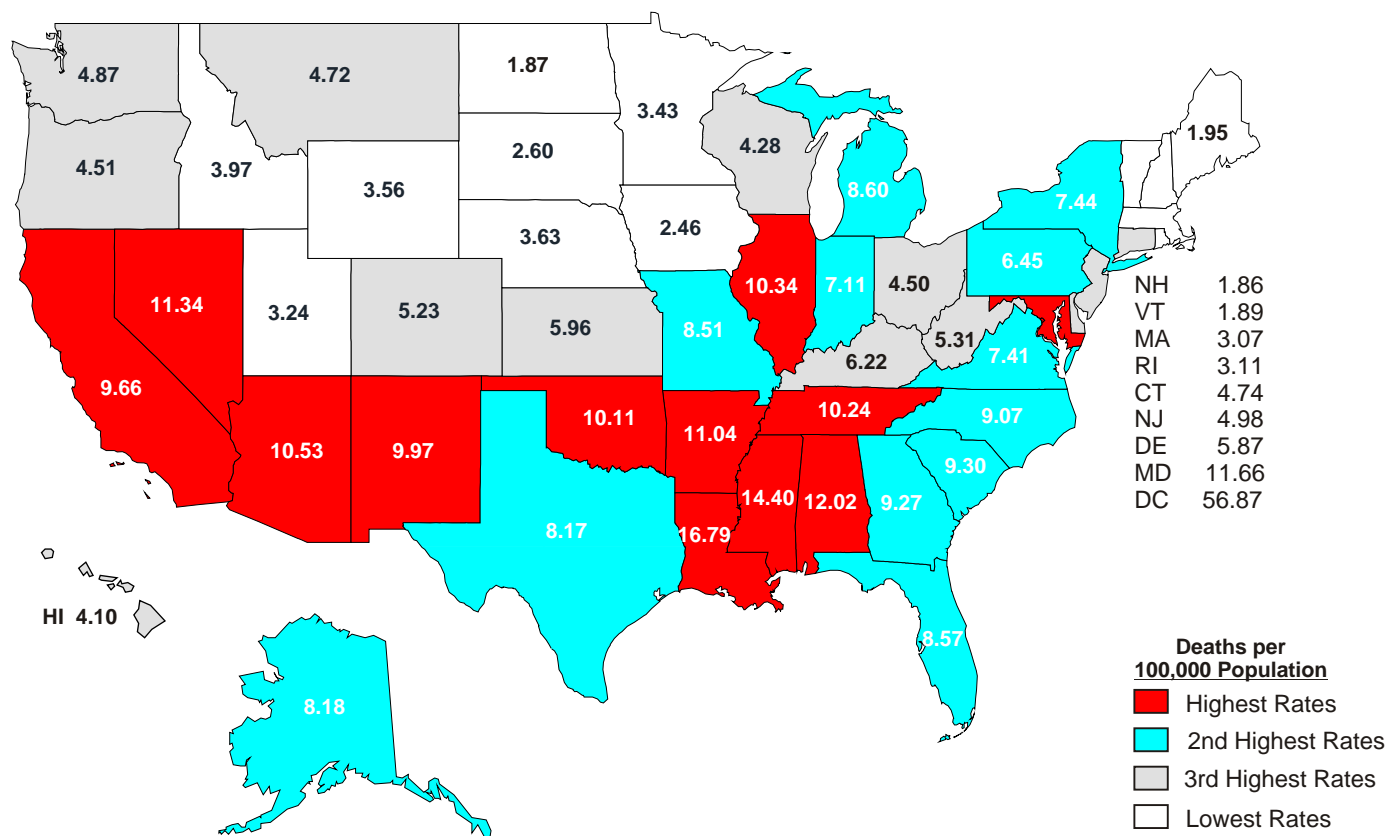
Suicide Death Rates United States, 1995-1997



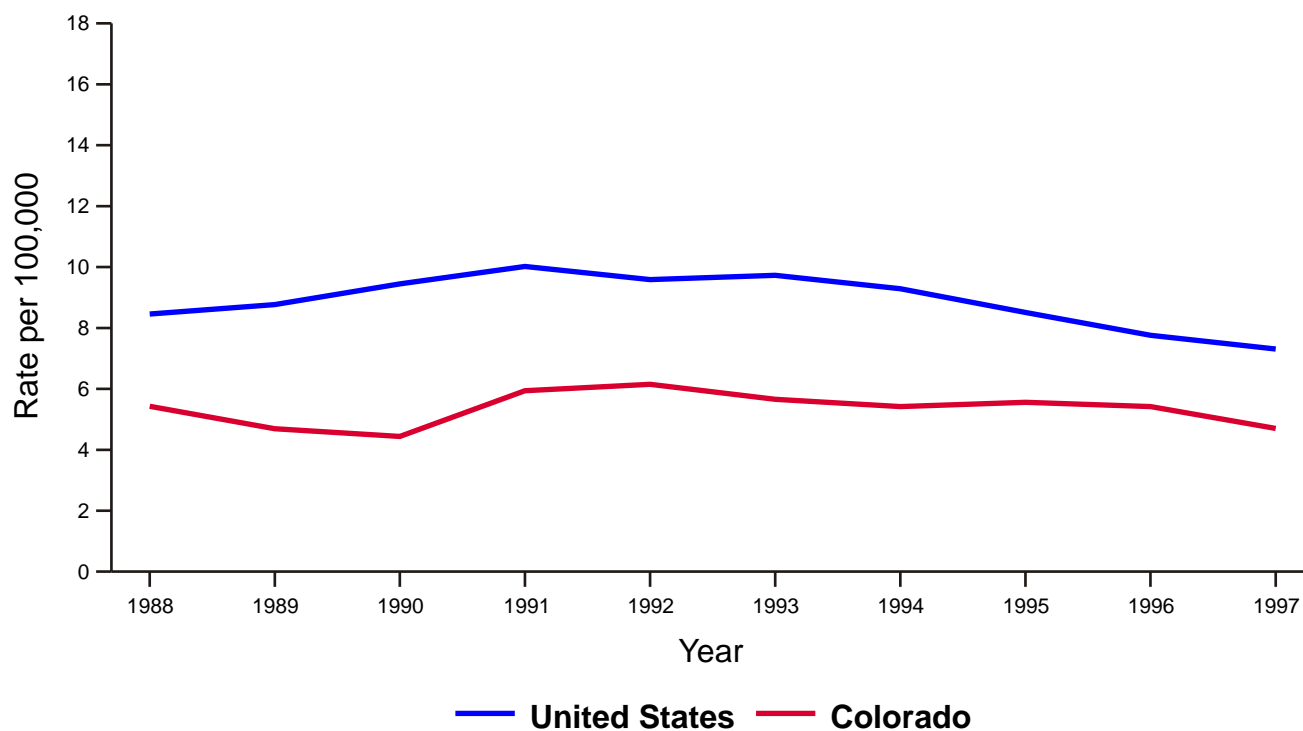
United States and Colorado 1988-1997



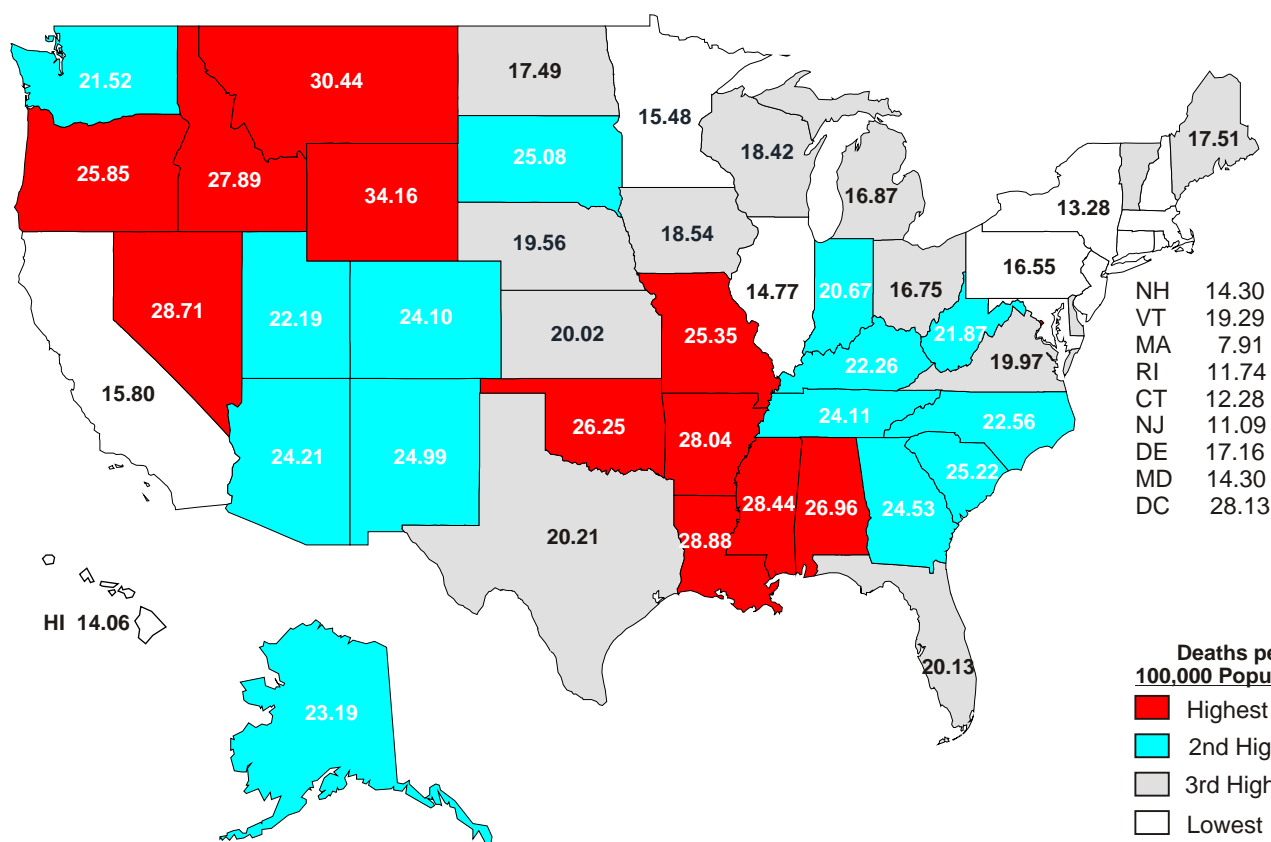
Homicide Death Rates United States, 1995-1997



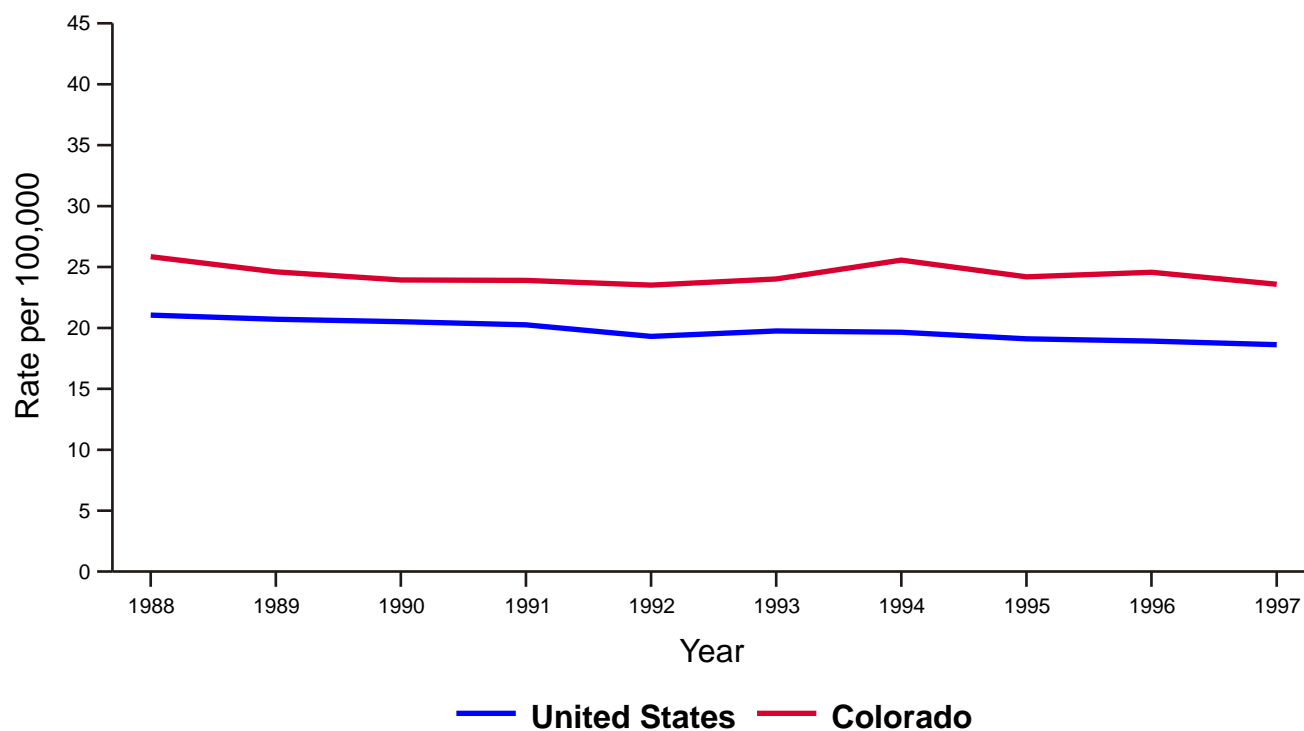
United States and Colorado 1988-1997



Traumatic Brain Injury-Related Death Rates* United States, 1995-1997

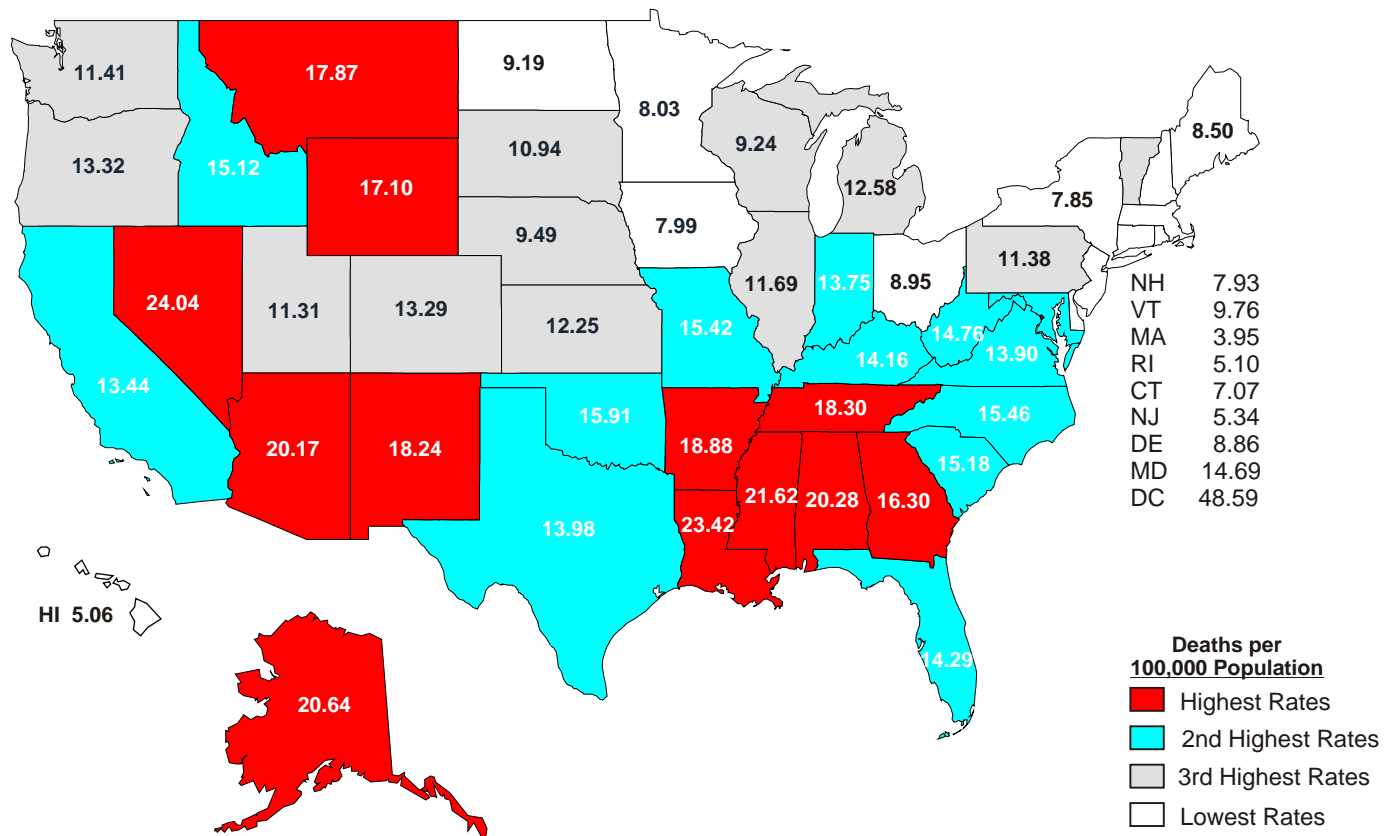


United States and Colorado 1988-1997

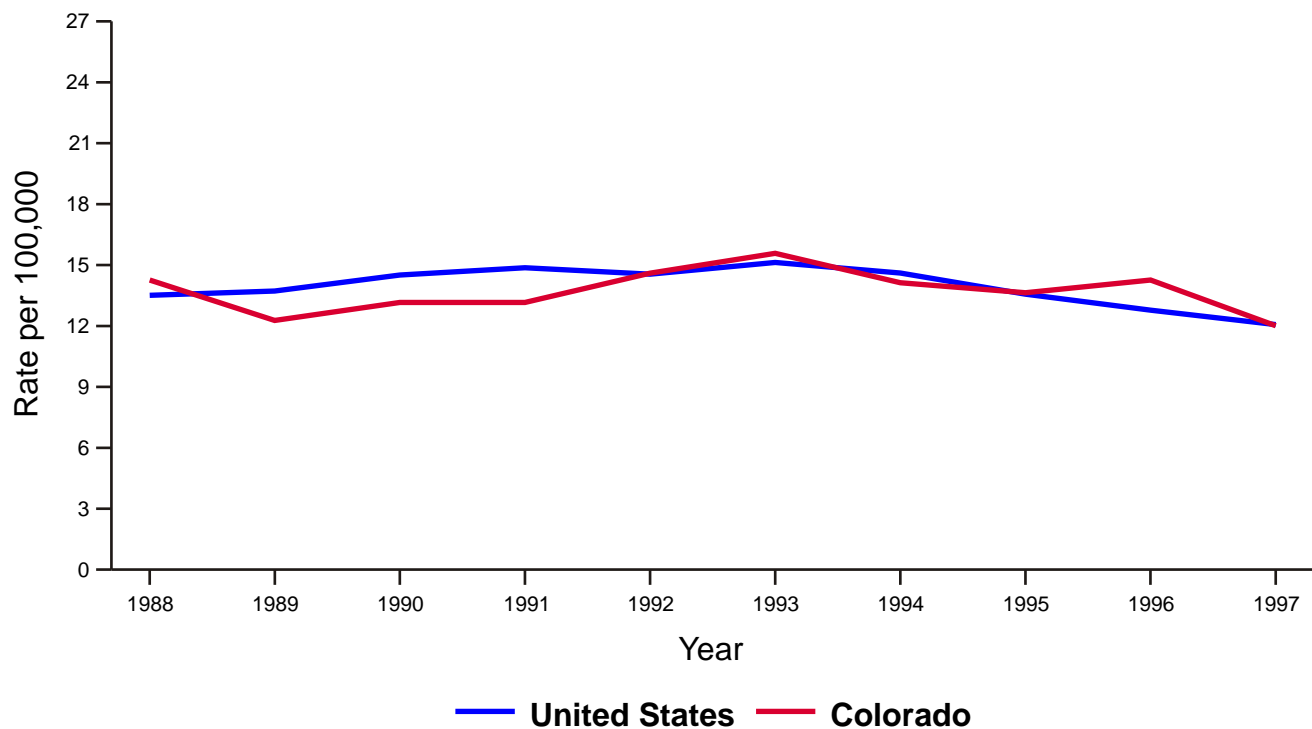


* Includes unintentional and intentional deaths from motor vehicles, firearms, falls, and other causes (of determined and undetermined intent).

Firearm-Related Death Rates* United States, 1995-1997



United States and Colorado 1988-1997



* Includes deaths from firearm suicide, firearm homicide, unintentional firearm-related deaths, and firearm-related deaths of undetermined intent.

COLORADO INJURY CONTROL PROJECTS

Cooperative Agreements

The National Center for Injury Prevention and Control (NCIPC) currently funds the following work through three cooperative agreements in Colorado:

- Traumatic Brain Injury Surveillance Program: a project to conduct population-based traumatic brain injury (TBI) surveillance to characterize the risk factors, incidence, external causes, severity, and short-term outcomes of TBI. This information can be used to help design prevention programs that address specific causes of TBI, and populations at higher risk. These data may also be used to improve injured persons' access to health care and other services needed after injury. *(Colorado Department of Public Health and Environment)*
- Applied Research for Traumatic Brain Injury Surveillance and Follow-Up Registry: a project to develop longitudinal surveillance for disability in persons with traumatic brain injury (TBI) to better define the medical and social impact of these injuries on a population basis. The overall goal is to prevent disability in persons with TBI. Of interest are the outcomes experienced among persons with TBI, particularly medical complications (impairments), functional limitations (disabilities) and community integration (social participation). *(Colorado Department of Public Health and Environment and Craig Hospital)*
- State Injury Intervention and Surveillance Program (Bike): a program to develop a system for measuring bike helmet usage among children aged 5–12, strengthen and expand existing statewide bike helmet programs and resources, and increase bike helmet usage in children aged 5–12 in targeted communities. Multifaceted bicycle helmet promotion programs targeting 5–12 year olds are being implemented in targeted communities. *(Colorado Department of Public Health & Environment)*

Research Grants

The NCIPC supports one major research center in Colorado:

- Injury Control Research Center: The Colorado Injury Control Research Center focuses on prevention and control of rural injuries. There are three core components: Administration/Training; Public Education/Information; Research. The long-term goals are to develop programs which will serve the region and are relevant for the under-served populations in rural areas; to further develop a population based injury surveillance in Larimer County to serve as a laboratory to evaluate injury prevention and control programs. *(Lorann Stallones, Ph.D., Colorado Injury Control Research Center, Colorado State University)*